

MD iMap Technical Committee Meeting Minutes

Place: Department of the Environment (MDE): Terra Room (Baltimore, MD)
Date: 10/1/13
Time: 1:00PM – 3:00 PM
Attendees: Andrew Bernish (MDP), Ashley Buzzeo (CGIS), Jim Cannistra (MDP), Kevin Coyne (DNR), Kaushik Dutta (MDTA), Julia Fischer (DoIT), Mara Kaminowitz (BMC), Renee King (MDP), Barney Krucoff (DoIT), Lisa Lowe (DoIT), Kate Majchrzak (MDE), Russell Provost (DoIT) and Marshall Stevenson (SHA)
Phone Attendees: Mary Buffington (ESRGC), Jessie Cahoon (MES), Mike Herzberger (MES), Anthony Puzzo (Esri), Doug Reedy (Frederick County) and Brad Wolters (DHCD),

AGENDA:

- Introductions 1:00 – 1:10
- MD ELA Statistics Update 1:10 – 1:20
- Data & Resources Subcommittee Updates 1:20 – 2:20
 - Addressing Initiative – *Russell Provost*
 - DFIRM Data Integration Update – *Barney Krucoff*
 - 2013 Eastern Shore Imagery Status Update – *Jim Cannistra*
 - Centerlines Update – *Erin Lesh*
 - Data Request Coordination Discussion
- Application Subcommittee Updates 2:20 – 2:40
 - MD iMap Application Template Update – *Jessie Cahoon*
 - FINDER Application Demo/Discussion – *Jim Cannistra*
- Outreach Subcommittee Updates 2:40 – 2:50
 - LiDAR Webpage Update – *ESRGC*
- Additional Business 2:50 – 3:00
 - NSGIC GMA Documentation/NSGIC Mobile App Definition

NEW ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
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Cascading Geocoder Discussion <ul style="list-style-type: none"> • Provide status concerning getting the address points into the geocoder • Add city field in the centerline geocoder and not resolve the 27% missing city attribute • Coordinate with DoIT/GIO Office to test geocoder once additional information is added 	Submitted: 10/1/13	CGIS
Data and Resources Subcommittee Meeting Agenda <ul style="list-style-type: none"> • Add discussion of future geocoders to the agenda for the Data and Resources Subcommittee meeting agenda • Add grid maps discussion to the Data and Resources Subcommittee meeting agenda 	Submitted: 10/1/13	Lisa Lowe
NSGIC GMA Documentation <ul style="list-style-type: none"> • Share survey link with the group and solicit comments 	Submitted: 10/1/13	Julia Fischer

ON-GOING ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
REST Endpoint Service Descriptions <ul style="list-style-type: none"> • Any changes that need to be made to these descriptions or legends should be submitted to Ashley Buzzeo 	Submitted: 12/20/11	MD iMap Service Data Owners

APPLICATION SUBCOMMITTEE ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
Geocortex <ul style="list-style-type: none"> • Update on page 11 • Request DoIT contractors explore and report back to the group concerning the raw code and opportunities for modification 	Updated: 5/7/13 Submitted: 1/15/13	GIO Office
How to consume Socrata services in MD iMap <ul style="list-style-type: none"> • Update on page 11 • Python script being coded and tested on some transportation and MDA data which has been uploaded to Socrata, more details to follow • Test the potential for automated updates using available .xml feeds or other resources out of Socrata and report back to the group 	Updated: 5/7/13 2/5/13 Submitted: 1/15/13	Kristen Ahearn, Kaushik Dutta & Jason Keppler
Application Submission Procedures <ul style="list-style-type: none"> • Update on page 12 • Update detailed procedures for application creation and update • Resend Application Submission Procedures draft to Technical Committee (Co-chairs) 	Updated: 5/7/13 Submitted: 6/21/11	Technical Committee

DATA & RESOURCES SUBCOMMITTEE ACTION ITEMS:

Description:	Date	Follow Up
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	Assigned:	By:
WFS-Enabled OSPREY Services <ul style="list-style-type: none"> Update on page 12 Instructions and list of available WFS-enabled services to be added to Portal early September Ownership in question Follow up with owners of OSPREY data to determine if layers can be WFS-enabled 	Updated: 5/7/13 9/4/12 3/23/12 Submitted: 12/6/11	Kenny Miller
Feedback/Requests concerning MD iMap <ul style="list-style-type: none"> Updates on page 12 Statewide tax map service being developed by MDP – will be made available on MD iMap in future PFA map service now includes a field “State Eligible” w/ Yes or No Look to obtain most recent statewide DEM from Salisbury and discuss effort/timeline for generating hillshade and getting posted Still updating Add Plat # to parcel Maybe add address Add PFA in/out: resistance to this update Check for hillshade, which can be added as map service, @ MDP Add Hillshade Service: Inquire at DNR if they have a hillshade available – to check Add Map/Parcel ID Look-Up: Follow up with requestor (Jason Zhao – MDE) to clarify request 	Updated: 5/7/13 9/4/12 3/23/12 10/4/11 Submitted: 6/7/11	Jim Cannistra
Metadata Services <ul style="list-style-type: none"> Forward electronic list to group Updated list to be provided by Friday, 1/7/2011 Updated list to be provided at 1/4/2011 meeting Remaining “offenders” actively being pursued Resend email to “offenders” to complete metadata Email resent and follow-up by Kenny Miller to occur MDP has provided metadata for all their services on MD iMap Follow-up concerning how to obtain the missing metadata for services currently being hosted on MD iMap Email sent to Kenny Agency leads from Tech. Comm. to make progress <ul style="list-style-type: none"> Direct contact of data owners A listing of services for which metadata is needed was provided. It was discussed that some metadata may not be available from the data producers. This is especially true for parcel data. Metadata at the service level will be written by MDP for parcel data to go along with the MD iMap refresh process 	Updated: 1/18/11 1/4/11 12/21/10 10/5/10 8/3/10 7/12/10 6/22/10 5/18/10 Submitted: 4/20/10	Data & Resources Subcommittee Co-chairs

OUTREACH SUBCOMMITTEE ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
Twitter/Communication Plan <ul style="list-style-type: none"> List of every CIO for inclusion on email alerts 	Submitted: 11/15/11	GIO
<ul style="list-style-type: none"> Recruit participants Obtain feedback concerning how to improve upon current outreach strategies Email potential new members directly 	Updated: 5/18/10 4/20/10 Submitted: 3/16/10	Outreach Subcommittee
<ul style="list-style-type: none"> Proactive Marketing of MD iMap 	Submitted: 9/21/10	Outreach Subcommittee

COMPLETED ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
USDOT Cloud Utilization Survey <ul style="list-style-type: none"> Update on page 11 USDOT has been briefed Mike Sheffer and Kaushik Dutta to attend a USDOT workshop this summer and report back what they learn Send acceptance to USDOT, we are on the second tier list of user's discussion. No further communication Phone conversation with them to start 	Updated: 5/7/13 4/2/13 1/15/13 Submitted: 11/20/12	Kaushik Dutta & Barney Krucoff
Google Map Engine <ul style="list-style-type: none"> Update on page 11 Have decided to change the plan and go with Arc2Earth tool instead Negotiate with Google through the existing Google contract with DoIT 	Updated: 5/7/13 4/2/13 Submitted: 9/4/12	GIO
SwGi/Version 10.1 Migration <ul style="list-style-type: none"> MD iMap infrastructure being kept at Esri Version 10.0 at present DoIT providing a server for development at Esri Version 10.1 at present Meeting scheduled w/Amazon for Wed. 9/5/12 10.1 migration anticipated by January 2013 by CGIS 1 meeting at CGIS Not yet created design Invite Esri to participate in a design session 	Updated: 11/20/12 9/4/12 7/17/12 3/23/12 Submitted: 3/6/12	GIO
GIS/Archives Appraisal Questions	Submitted:	Technical

<ul style="list-style-type: none"> Distribute survey to as many municipal, county and state agencies, as possible, for potential participation 	7/5/11	Committee
<p>Cascading Geocoder</p> <ul style="list-style-type: none"> Two composite locators now available on the production server Anticipate being live within a week or two Testing going well and anticipate deploying in the near future The 11 address locators that the composite locator will use are created Geocoders have been defined, data being collected, geocoders to be created and tested in the upcoming weeks Research concerning development of composite geocoder underway Composite geocoder on task list for CGIS FY2013 Ashley Buzzeo will work with Brad Wolters to determine if this composite geocoder will meet these additional search criteria needs 	<p>Updated:</p> <p>5/7/13</p> <p>4/2/13</p> <p>3/5/13</p> <p>2/5/13</p> <p>1/15/13</p> <p>12/4/12</p> <p>9/4/12</p> <p>Submitted:</p> <p>1/18/11</p>	CGIS
<p>Web Mercator Data Service Projection</p> <ul style="list-style-type: none"> DoIT recreating MD iMap map services in 10.1 Web Mercator projection Need to move projections to Web Mercator Per MES, EMMA replacement will use Web Mercator projection Assess costs in labor and storage for creation of MD iMap data services (except imagery) in Web Mercator projection – Will determine with DNR & CSSC (lots of variables: migration to 10, etc.) 	<p>Updated:</p> <p>11/20/12</p> <p>3/6/12</p> <p>10/4/11</p> <p>4/5/11</p> <p>Submitted:</p> <p>1/4/11</p>	GIO Office

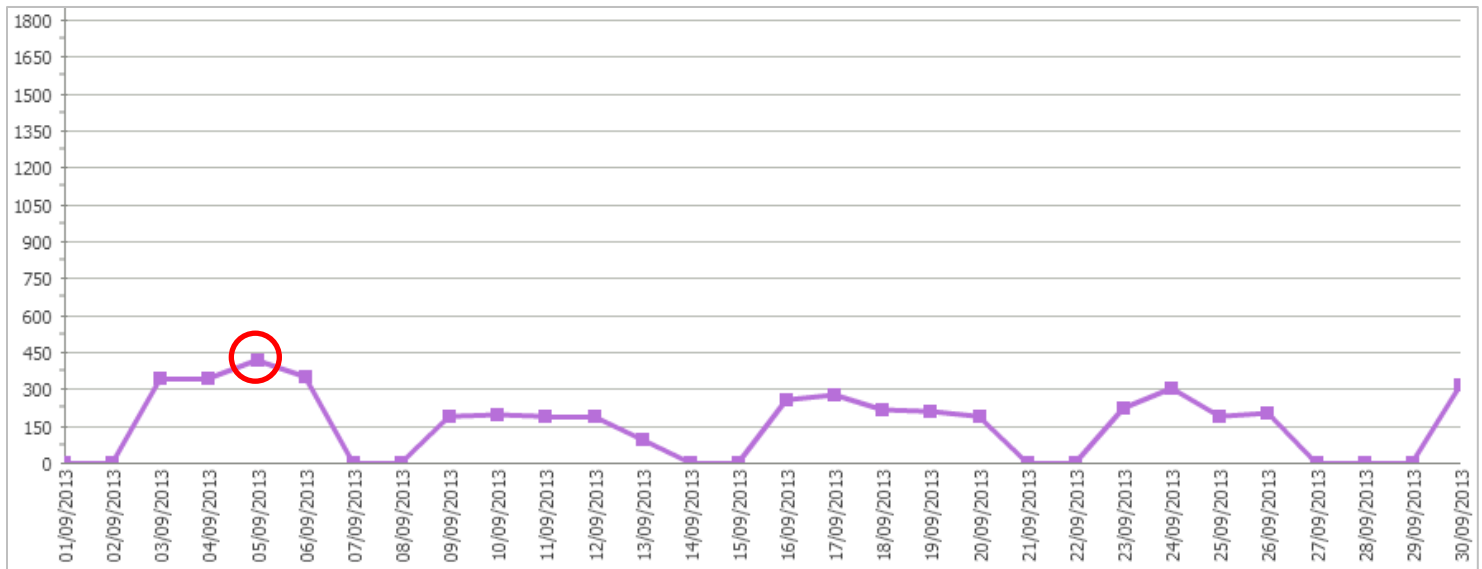
Introductions

Round-the-room

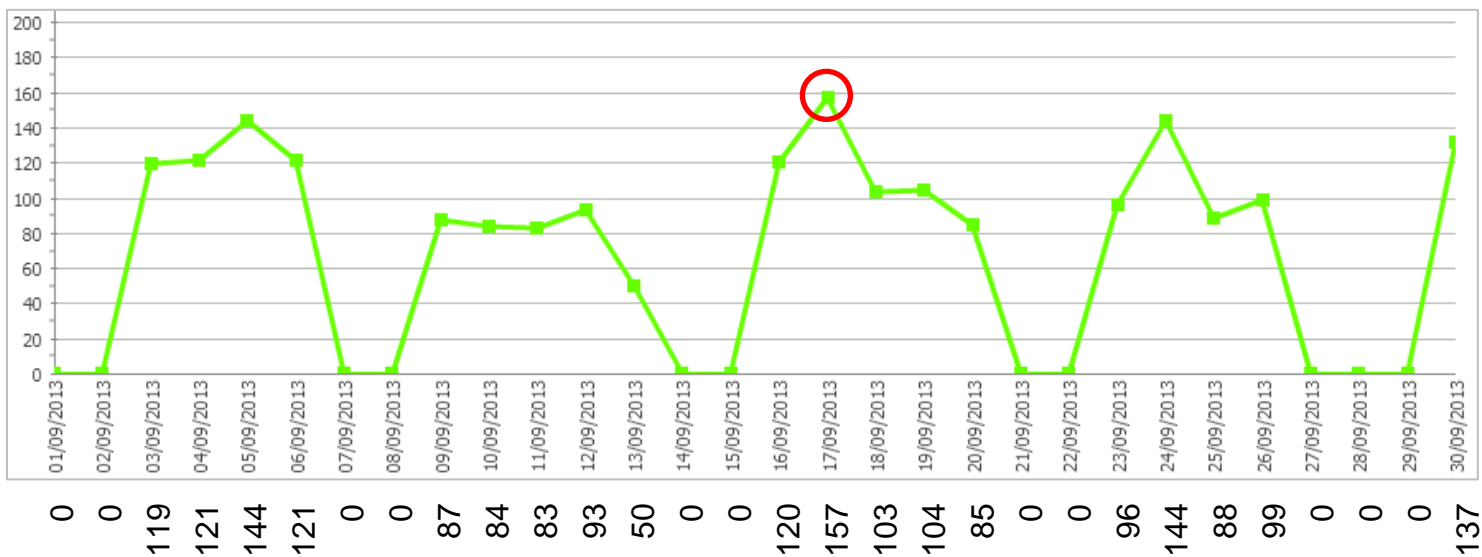
MD ELA Statistics Update

- Total User in September: 435
- Percent Change from August 2013: +3.3%
- Total Number of System Users: 820
 - Maryland Department of Transportation (MDOT) – 229
 - Maryland Department of Natural Resources (DNR) – 184
 - Maryland Department of the Environment (MDE) – 78
 - Maryland Department of Health and Mental Hygiene (DHMH) – 55
 - Maryland Department of Agriculture (MDA) – 50
 - Maryland Department of Planning (MDP) – 46
 - Maryland Legislative Services (MLIS) – 34
 - Other – 42
 - Unidentified – 101
- Percent Change from July: +6.1%

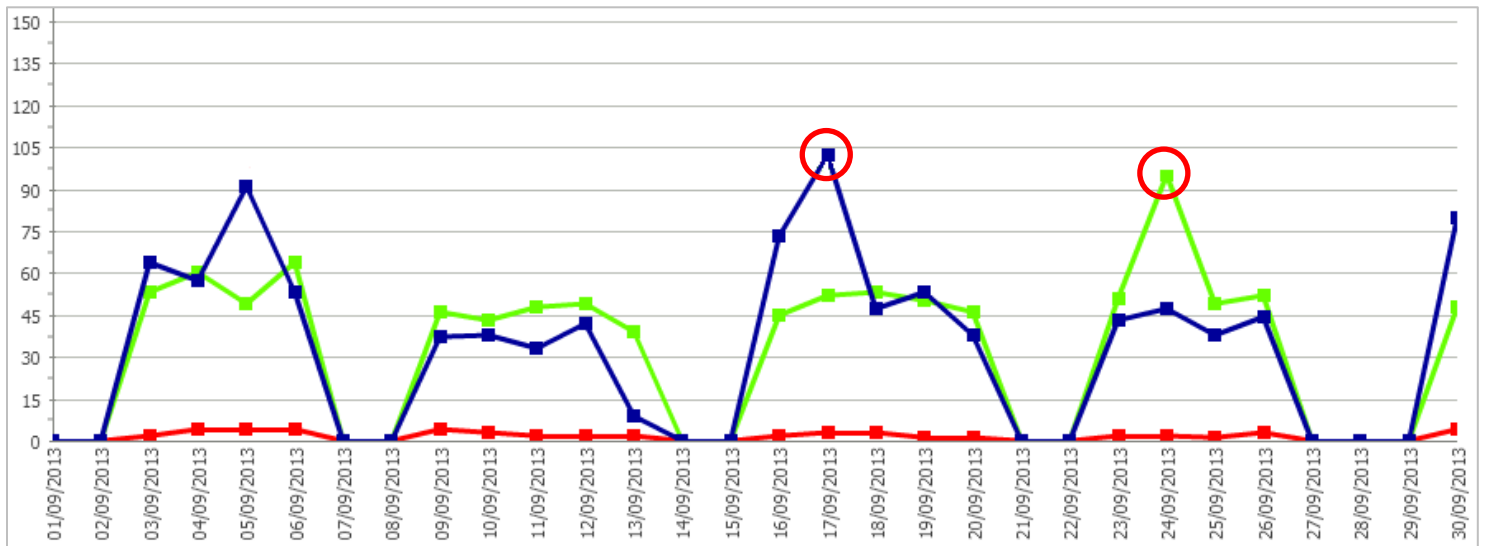
License usage peaked on September 5, 2013 with 413 concurrent licenses in use



Aggregated license usage of ArcView, ArcEditor and ArcInfo

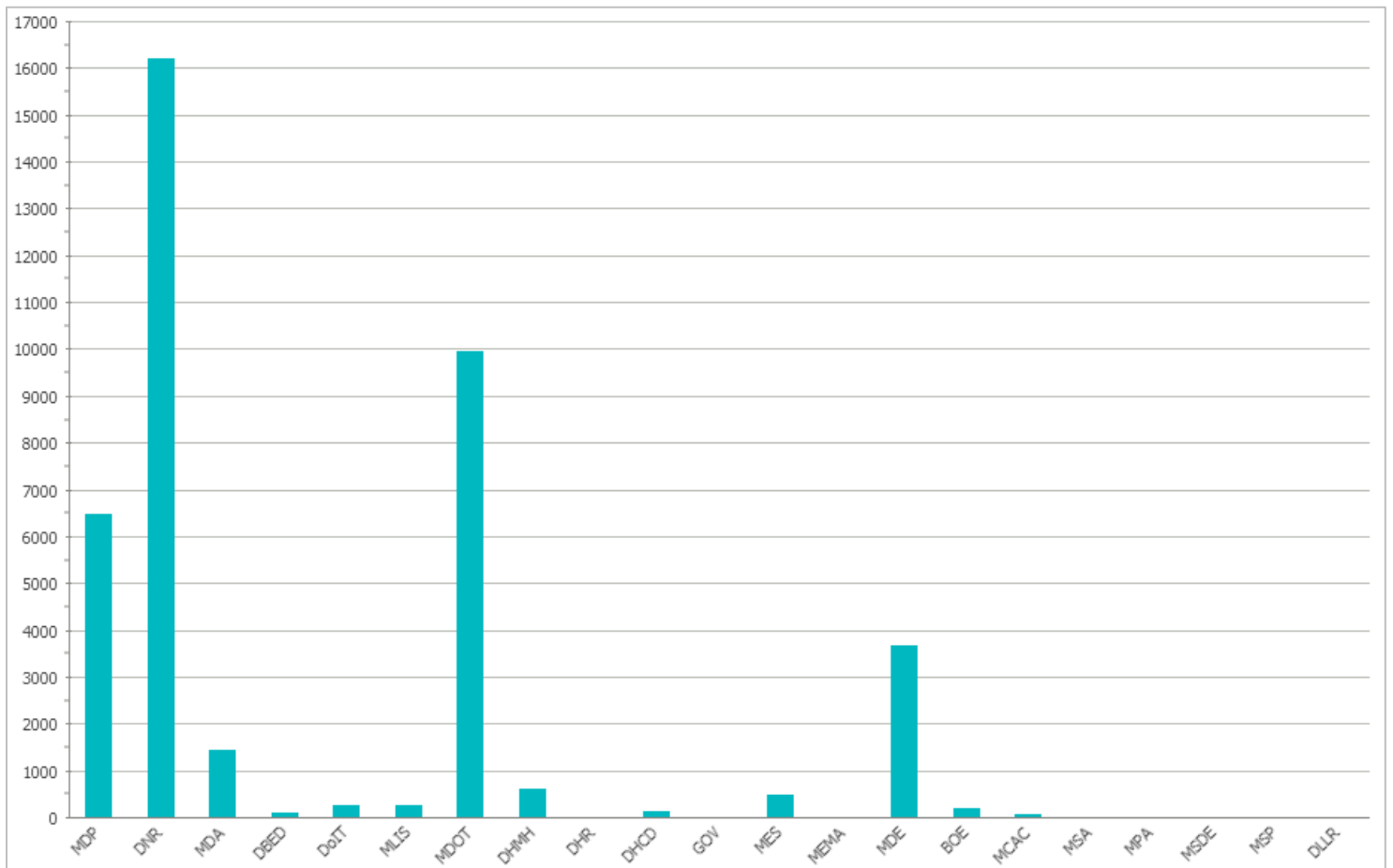


Breakdown of license usage for ArcView, ArcEditor and ArcInfo



- Max # of concurrent licenses for ArcView – September 17, 2013 with 102
- Max # of concurrent licenses for ArcEditor – 4 on Multiple Dates
- Max # of concurrent licenses for ArcInfo – September 24, 2013 with 95

Breakout of license usage (in hours) by Group/Agency



- Consider regularly clearing all licenses from the central license manager to clear out hanging licenses
 - Perhaps schedule to conduct this action monthly or bi-monthly
 - This would require everyone using the central license manager to be out of the software
- Awaiting feedback concerning the high internet traffic through MDOT network
 - Follow up between MDOT CIO and CGIS is needed to determine the source of this traffic
 - Some consideration that it is isolated to the CADD users, at SHA, hitting the Image Service
- Slides were provided at the MD iMap Executive Committee meeting to determine, based on usage, what Maryland would pay if Esri software had been purchased using the GSA schedule prices without the ELA
 - Turns out we are getting a better deal than if purchases were at the GSA schedule prices
 - This holds true even as the ELA cost escalates over the next 2 years
- We still have the wrong mix of desktop products/licensing levels being used, but most of the costs come from the high number of ArcGIS Server licenses which are being consumed
 - Current number of ArcGIS Server licenses is not efficient
 - There are advantages to centralizing these licenses and the efforts that go along with this technology
 - We need to continue to explore how to minimize the number of these licenses which are applied

Data & Resources Subcommittee Updates

- Committee meeting scheduled for October 15
- Soliciting issues and agenda items for the subcommittee to address at this meeting

Addressing Initiative – Russell Provost

- Received email from Baltimore Police Department that they are excited about the address data download website and about having access to surrounding jurisdiction's address data
- Not yet getting data from Baltimore County, still in process of finalizing an MOU
 - Being handled by Kenny Miller (DoIT)
- Application developed to allow for download of address points
 - Allows end users to extract by buffer is functionality that has recently been added
 - Users specify a county, enter a buffer distance and the type of file to download to
- Application access is controlled by required username and password
- Cascading geocoder is being used in this application, included based on code provided by CGIS
- Code available on Portal (<http://imap.maryland.gov/Documents/CascadingGeocoderCodeModification.txt>)
- Counties will be officially notified of the availability of this application tomorrow
- Plan to coordinate with CGIS centerline collect and collect the address points during the same request
 - Still going to request upload of updates to ftp for most counties
 - A few counties, working with BMC, will be replicating data directly with the database
- There is a replication flaw which does not allow for renaming of the incoming data
- This causes issues because most of the counties have named their data layers the same name and the system considers these duplicates and will overwrite them
- This poses a challenge when pulling multiple end users data into one database

- Recently had a conversation with Eric Flint, a Salisbury University employee contracted to DLLR, to setup and try to make some inroads with them to:
 - Get a list of addresses that do not match the local address data
 - Get some place names/business names
- Common problem with local data is maintaining place names in their emergency response datasets
- Want to improve this aspect of the data
- Next big task is to present at Numbers Board Planning Day in November and provide broad update on the status of the project
- Also working on a document to make available for this event
- Also want to get SHA to this Planning Day event to present progress on the centerline project

Cascading Geocoder Discussion

- Looking for status of getting the address points into the geocoder

Action Item: Provide status concerning getting the address points into the geocoder – CGIS

Issue #1

- Contacted by Brad Wolters concerning the 0,0 x,y coordinate points which had been added from MDPV
- These should not have been added in the update and need to be removed during this data update
- CGIS will remove these on Thursday and MDP will not provide these in the updates to CGIS in the future
- These points are included in MDPV, which are about 15,000 valid account numbers
 - They are an unidentifiable location or account numbers in the process of being located
 - First part of the mapping process, get new accounts all with 0,0 and depending on where they are in the cycle, they are assigned a value

Issue #2

- Enter an address with a city and no ZIP code and results are not matching appropriately
 - For example, a street address with Baltimore as the City is providing returned 100% result matches for sites in Baltimore and Hagerstown
- This is because the street centerline locator has only 2 input fields, which are street address and ZIP code and so does not take into account a city input
- This geocoder can be changed to take city into consideration, would require adding city to the centerlines
 - About 27% of the centerlines do not have a city
 - Would have to consider processing the centerlines to assign a city from the ZIP code layer to all features
 - This would prove an issue with centerlines that do not break at ZIP code boundaries
 - Need to make process efficient, because same process would be applied each month to incoming data

Action Item: Add city field in the centerline geocoder and not resolve the 27% missing city attributes – CGIS

Action Item: Coordinate with DoIT/GIO Office to test geocoder once additional information is added – CGIS

- Longer term geocoders to consider adding include: tax map boundaries
 - Of particular interest because SDAT website allows for search by tax map

- Had a recent discussion about adding city blocks as another geocoder also
 - Had been discussed previously and found this information does not exist, not maintained by any agency
 - Without this data readily available, this would prove as a challenge to adding and maintaining this layer
- Another interesting geocoder would be subdivision names
 - MDP working to add this information to their data, during the process to clean up parcels
 - Consider this a wish list item
 - However, there is a consideration that subdivisions that would be available from MDP are interpreted differently, based on their need, than needs of other interested parties
 - MDP still a year away from being able to make this resource available

Action Item: Add discussion of future geocoders to the agenda for the next Data and Resources Subcommittee meeting – Lisa Lowe

DFIRM Data Integration Update – *Barney Krucoff*

- Expecting MES to come out with services being done on behalf of MDE
- MD iMap and OSPREY will connect to them shortly after they are available
- Anticipate pulling the trigger tonight or tomorrow morning
- Release schedule of data included in the service is sporadic
 - Trying to get the most current data and update the data on a monthly basis
- MES and DoIT sharing data via Dropbox
 - Will swap out existing OSPREY service with new service
 - Users of the existing service will have one month to repoint to the new service
 - After one month the old service is to be removed and will no longer be available
 - Request that users of the new service provide feedback if there are issues

2013 Eastern Shore Imagery Status Update – *Jim Cannistra*

- Uploaded Howard County 2013 imagery
- There were challenges with including this imagery into the existing map service because this area was not a regularly defined tiled-based grid
 - Jeremy Monn (CGIS) did a considerable job matching the tiles and getting the resource updated
- Users will notice a slight radiometric difference between this new imagery and the surrounding imagery
- Eastern Shore deliverables are flowing now
 - Block 11 has to be posted to ftp site (20GB)
 - Block 10 is complete, has been sent to MDP and will be sent to CGIS soon
- Deliverables will continue to move north up the Eastern Shore
 - Only about 4 or 5 other blocks
 - Deliverables are anticipated every 2 to 3 weeks between now and December
 - Ideally all will be incorporated into existing map service by end of December/early January
- MDP is starting to distribute this imagery to the counties and PSAPs
- Figured out an effective system to get the existing data replaced, services renamed, etc...

Centerlines Update – *Erin Lesh*

- SHA has contracted for full-time support on this project

- Marshall Stevenson and Erin Lesh will be working closely to implement this project
- Highway Performance Monitoring System (HPMS) is the main State goal for this project
 - HPMS is a program which determines Federal transportation funding for the counties and states
 - Counties report to State and State reports to the Federal government
- Want to determine a clear workflow for getting data from the local levels to the State level
- The State is currently collecting GPS values for all state and local roads
 - This is a unique process and needs to accept the local roads as the maintainers of the roads
 - Publicly accessible roads are the only eligible roads based on the Federal criteria
- Looking to modify workflows which are already in place, rather than making a separate request
- Working to integrate with the addressing initiative, because address features are a factor in this process
- Federal reporting is due in February 2014
 - Considerations may be made at the Federal Department of Transportation to push this collection to replace the Tiger data at the U.S. Census
 - Not yet clear on all intentions
- SHA is working with Esri to leverage Roads and Highways tools
 - This offers a Desktop and Server platform which allows for mark-ups in a central environment
 - This would be made available to those counties that do not have a plan to update their data regularly
- A group from SHA and Esri will be presenting at MSGIC Quarterly (October 16, 2013) on how Roads and Highways can be leveraged to support a statewide shared centerline
- Also working with BMC concerning the success they have already had with their partner counties
- Transportation for the Nation would be the portion that would ultimately be pushed to the Census
 - The idea is to leverage the HPMS reporting, which is mandated
 - Using the workflow in place to meet the Transportation to the Nation initiative
- 3 overarching goals for the project:
 - Meet MAP-21 requirements for federal reporting – due June 2014
 - This is an internal SHA effort involving addition of Baltimore City local roads to the LRS and field verifying mileage on divided highways – about 70% complete
 - Automate the annual Local Road Improvement Process – phased implementation of GIS-based solution beginning Fall 2014
 - MD law requires counties and municipalities to submit major road changes to SHA each year
 - Current process is snail mail of paper maps and forms for the counties and municipalities to mark up and return
 - Scheduling outreach meetings between late October 2013 and January 2014
 - These efforts will be similar to what Russell Provost did for the addressing initiative
 - Want to work with locals and understand their needs, not just make demands from the State level
 - Build out a statewide shared centerline that is addressable, routable and a linear referencing system
 - Currently documenting plan, schedule and outreach opportunities
 - Pilot with Calvert (rural) and Prince George's (urban) counties for conflation

Question: SHA grid maps, which contains a lot of information is bundled as part of MDPV product. MDP has been taking the individual files and putting them in master geodatabase. How do the grid maps relate to the collection of data at the State level?

- These grid maps have been prepared cartographically and could make a nice basemap
- They are currently available on the SHA data download page
- Available through MicroStation resources
- Previous experience is they work with the centerlines, but it is a tedious process to digitize each feature on the grid maps into a geodatabase
- Cartographic teams work on adding centerlines, points of interest and other identifying information

Question: Once MDP is done adding this data into the master geodatabase, would they be willing to have this data put onto MD iMap

- Yes
- There had been a previous discussion about putting the grid maps onto MD iMap
 - Will follow up with Erin Lesh (SHA)

Action Item: Add grid maps discussion to the Data and Resources Subcommittee meeting agenda – Lisa Lowe

Data Request Coordination Discussion

- Heard from Garrett County that 2 different State agencies were making separate requests for the same data
 - This particular incident involved MDE and SHA requesting planimetric data
- Multiple incidents have arisen where locals are being asked for data in duplicate
 - Some agencies have been told they can pass the received data to another agency
 - Some have been told the data is restricted to their requested purpose only and cannot be shared
- Want to minimize duplicate requests, so not to burden those being requested
- Also want to get a process in place to communicate requests being made and share the data amongst State agencies
 - Ideally this will assure we are all working from the same data and that it is the latest and greatest
- Need to generate a list of those layers the State agencies want regularly collected and refresh schedules
- Would leverage MD iMap to share this data amongst the various agencies
- Would need to determine what data can be shared, based on agreements with the locals
- Would be ideal if planimetric data was collected annually, as a single request/centralized collection
 - This layer does not change too much over the course of a year, but valuable to multiple agencies
- Need to focus on a few key datasets (centerlines, planimetrics, parcels, facilities – schools for example)
- Suggest making different agencies responsible for coordinating with locals for specific data layers
 - Other agencies would then go to this agency for that particular data
 - Making these responsibilities and contact information clearly documented and well communicated
 - This has already been done with DoIT taking on the address point collection
- Suggesting pulling together a master annual request and master annual agreement
- Would also need to work on communicating between locals and the State what updates are available

- MDP has a list of requests, that they make of the counties, annually, which are tied to specific projects
- It is not clear on who is or would be responsible for collecting or maintaining planimetrics because there is cross-agency need of this layer
- Majority of the locals are looking for some coordination at the State level for data collection requests
- Anticipate coming together with a method, about half of the counties would be readily accepting of the plan
- Communication plan needs to be in place that the data has been collected and available to State agencies
- Master agreement between State agencies and the locals would be ideal
 - Would remove the need to make separate license agreements for separate agencies for separate requests
- Could roll request for planimetrics in with centerlines request or we could try to make all requests at once
- Consider input from BMC concerning their agreements and workflows with their partner groups
 - Much of the data is requested as needed, for example, sewer, water, etc...
- Would be good to get Jeff White (MDE) into the room and he can tell the group what he has collected and clarify any restrictions on use, sharing, etc...
- Some license agreements are designed for data to be shared from locals to State and State back to locals
- Agreements might require more specific use case wording to assure locals that their data will not be used for unexpected reasons, reasons which could potentially come back to cause them more work in the long run
- Focus on what's out there, who is the owner, how current this data is, understand the status and location of any downloadable data, etc., existing download sites might not have the latest and greatest, which is being shared with the public, might be able to get a more recent version for State use

Application Subcommittee Updates

MD iMap Application Template Update – *Jessie Cahoon*

- Added Twitter capabilities to Smart, Green and Growing (SGG) Atlas
 - Returns Twitter feeds without having to sign into a Twitter account
- Code is available if anyone needs a newer copy, contact Jessie Cahoon (jessie.cahoon@maryland.gov)
- Working to make the updated version available on github and through ArcGIS Online
- Anticipate launch of SGG Atlas at the same time as launch of revamped website for SGG, within new State website template, which is of responsive design
- Could happen by the end of this month, but there are other web pages under the umbrella of SGG, so this could push the launch to the end of October or later
- Working to integrate map into the available space on the new template
- Meeting on Friday with Governor's Office staff to provide an update and demo the SGG Atlas itself
- Application is pretty ready for deployment

Question: Are the cabinet secretaries involved in this meeting?

- There was a briefing of the SGG Atlas, at BayStat, which included MDP, MDE and DNR cabinet level representatives
- They should all be aware of this at this time

Situational Awareness and iPad Accessibility

- Likely to be a memo coming out on iPads related to those involved with Situational Awareness
- DoIT has been requested to roll out these tools to the entire cabinet
- Also need to determine how far below the cabinet level, should be equipped with access to these tools
- Governor uses OSPREY Executive view, Dashboard, WebEOC and MView (includes access to CCTVs)
- Letter will be coming from DoIT Secretary to other Secretaries and Secretaries can determine a point of contact for those to be identified as end users
- Includes instructions in the memo about how to purchase an iPad and how to get an iPad plan
- There is a webpage with links to all of the applications, no additional software installs required
- DoIT will not be purchasing iPads directly and end users are not required to buy only Apple products
- These applications are accessible from any mobile device
- Applications have security included and an account is required to access
- OSPREY Executive view has a single username and password, but in the future, an end user will use an ArcGIS Online account log-ins to access these secure accounts by being added to an AGOL secure group
- Will need to make AGOL accounts for the new Executive end users
- However, not all applications are accessible through AGOL log-in and will need to work out how to assist with managing access to all appropriate applications

Question: Would these applications work on Android operating system mobile devices?

- iPads have become the tablet of choice within the current Governor's Administration
- However all applications are accessible from any other tablet device and operating system
- iPad is specifically mentioned in all documentation provided from DoIT

FINDER Application Demo/Discussion – *Jim Cannistra*

- Subscription based product with 600 users statewide
- Access managed through organizational log-ins and passwords
- About 10 State agencies currently have access to this resource
- The updated version of the application has been released as a soft launch at this time
- Users at State Department of Assessments and Taxation (SDAT) and Department of General Services (DGS) are Finder users and have not been using ArcGIS Desktop
 - Finder tools and resources have met all of their spatially-related needs to date
- Confused about distinction between Finder Online and Finder Quantum which is being resolved
 - Clarifying what views, web-based queries and quick look-ups can be completed using the different tools
 - Finder Online for more basic and rudimentary inquiries
 - ArcGIS or Quantum products for more detailed
 - State employees can get licenses to meet these needs
- Need to reach out to SDAT and get them using ArcGIS and a stand-alone license could be Quantum license, have done this with Garrett County and have not received negative feedback, to date
- Finder Online gets used a lot by MDA offices which are in the field
- Finder Online satisfies 80% of users' needs, but finding and training the remaining percent is the challenge
 - Consider planning a day or half a day to travel around and make a pitch to these remaining users
- Between MDP and DoIT work to plan an event which should be customized and directed to particular users

- Want to discourage State users from using Quantum if they can connect to the central license manager

Question: Will users at DNR need a new log-in and password?

- Yes, the new Finder Online will have a new username and password
- The old Finder Online will be accessible until November 10, 2013, but will be removed after this date
- New version has been sent out to a small group for now to test and make changes as needed

Cloud Resources

- MDP met with Amazon this morning and are considering using EC2 Cloud resources
- There are a lot of services which MDP would like to host, but do not have the physical server space
- Already getting slow response for services already put up and being hosted on available physical servers
- Testing services at this point, but have not finalized if moving to the Cloud, testing cost effectiveness
- Trying to get DoIT to think of the Cloud as an available option for managing data centers and data storage
- Ideally obtain one contract which allows all agencies to use the central resource, but use is monitored and audited by DoIT from a central location
- This contract does not currently exist and is far from being made a reality
- GIO Office had trouble buying Cloud services which were considered for the next generation of MD iMap
 - Thought it could work, but did not prove that it was cost effective for MD iMap using Amazon
 - Got in trouble concerning procurement and had to go with a new RFP under the new CATS contract
 - This is an issue for the larger DoIT organization to solve, not GIO, concerning procuring Cloud services
- MDP IT department is already engaged in this conversation
- Next Step: Sit down and look at pricing model to determine if consideration should be made beyond available, free subscription, anticipate 2 to 3 weeks to complete this task
 - Will provide results and comments back to the group once task is completed

Question: Are the universities looking at Cloud as an option?

- Amazon claims to have contacts at UMCP, which is looking at this option
- Have made requests for this person's contact information and expect the name of that person soon

Outreach Subcommittee Updates

- Recent updates to the MD iMap Portal include:
 - Adding new items, including code to include cascading geocoder into applications
 - Page explaining the need for the code for including the cascading geocoder into an application
 - Also linked to this new page from the addressing page
 - Added September Executive Committee meeting minutes and presentations to Partners page

LiDAR Webpage Updates

- Provided LiDAR services through Portal and new interactive web application to visualize layers
 - Includes derivative products and statewide DEM
- Anticipate adding tab to Portal with links to services, status map, metadata, user guides and FAQs
- Migrated a new server to ArcGIS Server Version 10.2

- Have created all the DEMs and derivatives products for several counties and testing for functionality
- Making sure metadata is attached and visible
- Pulling together framework for application and webpages
 - About 90% of content has been pulled together and cleaned
 - Links will be added as services are completed
- Status meeting on October 18, 2013, with DoIT, to update progress and keep the progress moving forward

GIS Day Opportunities

- SHA GIS Day is November 20, 2013 and there is an opportunity to present or have a booth
- Consider show addressing project and OSPREY dashboards
- MDE GIS Day is November 13, 2013
- Contact Kate Majchrzak to give presentation or be included in the exhibit hall
- Attendance is already open and certificates for education credits of half-day seminar will be made available
- Consider displaying the Smart, Green and Growing Atlas application at a booth
- Anticipate having an MD iMap booth at both events
- GIO Office to coordinate the booth space for both events
- Will solicit Technical Committee members to volunteer to cover the booth in the near future

Additional Business

NSGIC Geospatial Maturity Assessment (GMA) Documentation

- Annual survey of State GIOs which is compiled to become the GMA, essentially a questionnaire
- Asked to enter things about programs, can also be used to see how your program compares with other states
- Can still be edited and comments are welcome
- Topics covered include program priorities, accomplishments
 - Maryland listed ELA, cascading geocoder and GIO staff as accomplishments for the past year
 - Maryland listed continue addressing work, parcel polygon collection, renegotiating ELA as future goals
 - Maryland listed redundant data collection, ArcGIS Online value, increase strategy around ArcGIS Online, migration of the existing system to the new system as challenges
- Survey is DoIT centric, at this time, but does not have to be

Action Item: Share survey link with the group and solicit comments – Julia Fischer

- Similar survey went out related to addressing initiatives and received a response from almost all 50 States
- Results to be presented at NSGIC Annual meeting and will put responses onto a website also

Center for GIS (CGIS) Staff Adjustments

- Recent changes have occurred at CGIS, lost some staff positions, including the Director's position
- Confident that the change will be in the best interests of internal and external clients
- Contact [Ashley Buzzeo](#), [Ardys Russakis](#) or [Michael Bentivegna](#) with questions, comments or concerns